

CLAIMS

1. A method of opening a tray of an optical disc changer that includes a plurality of disc mounting recesses, on each of which a disc can be loaded, the method

5 comprising:

if a tray open command for mounting two discs simultaneously is input by a user, moving two disc mounting recesses to a position that is exposed so that discs can be simultaneously mounted on the recesses when the tray is opened; and opening the tray.

10 2. The method of claim 1, further comprising:

if the tray open command is applied, searching for two successive, empty disc mounting recesses and selecting the two successive, empty disc mounting recesses when they are found.

3. The method of claim 2, further comprising:

15 if two successive, empty disc mounting recesses are not found, selecting two successive disc mounting recesses which are not both empty.

4. A method of reproducing data on discs in an optical disc changer which is suitable for a tray open mode that enables two discs to be mounted simultaneously, the method comprising:

20 determining whether discs are mounted on pre-selected disc mounting recesses; reproducing a first disc having higher priority when it is determined that discs are mounted on the selected two disc mounting recesses; and reproducing a second disc when the reproduction of the first disc is completed.

25 5. The method of claim 4, wherein if only one of the disc mounting recesses has a disc mounted on it, the mounted disc only is reproduced.